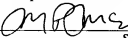


DT12 Rec'd PCT/PTO 28 JAN 2005

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. 46955.21	
In Re Application Of: <div style="text-align: center;">Thomas Schnelle, Torsten Mueller, Stephen Shirley</div>					
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
New Application	28 Jan 2005 (371)	Not Yet Assigned	041068	N/A	N/A
Title: <div style="text-align: center;">Impedance Measurement in a Fluidic Microsystem</div>					
<p>Address to:</p> <p>Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p><b>37 CFR 1.97(b)</b></p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;"><b>37 CFR 1.97(c)</b></p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="margin-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center;"><b>OR</b></p> <p style="margin-left: 40px;"><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>					

P10A/REV05

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. 46955.21	
In Re Application: <b>Thomas Schnelle, et al.</b>					
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
New Application	28 Jan 2005 (371)	Not Yet Assigned	041068	N/A	N/A
Title:  <b>Impedance Measurement in a Fluidic Microsystem</b>					
<b>Payment of Fee</b> (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))					
<input type="checkbox"/> A check in the amount of _____ is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No.    50-2194 as described below.					
<input type="checkbox"/> Charge the amount of _____ <input checked="" type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional fee required.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>					
<b>Certificate of Transmission by Facsimile*</b>			<b>Certificate of Mailing by First Class Mail</b>		
I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)			I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____		
_____ (Date)			_____ (Date)		
_____ Signature			_____ Signature of Person Mailing Correspondence		
_____ Typed or Printed Name of Person Signing Certificate			_____ Typed or Printed Name of Person Mailing Certificate		
*This certificate may only be used if paying by deposit account.					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">             _____            Signature         </div> <div style="width: 45%; text-align: right;">           Dated:    28 January 2005         </div> </div>					
<b>Matthew P. McWilliams. Reg. No. 46,922</b> <b>Customer Number 041068</b> <b>Buchanan Ingersoll PC</b> <b>1835 Market Street, 14th Floor</b> <b>Philadelphia, Pennsylvania 19103-2985</b>  <b>Telephone: 215 665 3865</b>					
CC:					

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 46955.21		APPLICATION NO. <b>10523175</b> New Application	
				APPLICANT(S) <b>Thomas Schnelle, Torsten Mueller, Stephen Shirley</b>			
				FILING DATE <b>28 January 2005 (371 Date)</b>		GROUP ART UNIT <b>Not Yet Assigned</b>	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/R.K./	AA	4420720	13 DEC 1983	NEWTON, ET AL.			29 JUN 1981

U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL	AB	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/R.K./	AB	US 2002/0150886 A1	17 OCT 2002	MILES, ET AL.			15 NOV 2001

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	AC	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/R.K./	AC	WO 00/37628	29 JUN 2000	PCT				✓
↓	AD	DE 10059152 A1	20 JUN 2002	GERMANY				✓
↓	AE	DE 19903001 A1	24 AUG 2000	GERMANY				✓
↓	AF	DE 19860117 A1	13 JUL 2000	GERMANY				✓
↓	AG	DE 19860118 C1	28 SEP 2000	GERMANY				✓

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
EXAMINER INITIAL	A1	GAWAD, S., et al.; Micromachined impedance spectroscopy flow cytometer for cell analysis and particle sizing; IEEE-EMBS Conference on Microtechnologies in Med. & Biol., 2000, Lyons, France; Lab On A Chip, 2001, Vol. 1, pp76-82.
↓	AJ	KOCH, M., et al.; Design and fabrication of a micromachined Coulter counter"; J. Micromech. Microeng. Vol. 9 (1999), pp 159-161.

EXAMINER  /Robert Kasten/	DATE CONSIDERED  05/18/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.  
46955.21APPLICATION NO.  
70/523175  
New Application

Thomas Schnelle, Torsten Mueller, Stephen Shirley

FILING  
28 January 2005 (371 Date)GROUP ART  
Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/R.K./	AH	DE 2201894	19 JUL 1973	GERMANY				✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/R.K./	AK	COSTER, Hans, G.L., et al; "Impedance spectroscopy of interfaces, membranes, and ultrastructures"; Bioelectrochemistry and Bioenergetics, Vol. 40 (1996), pp79-98.
/R.K./	AL	FIEDLER, Stephan, et al.; "Dielectrophoretic Sorting of Particles and Cells in a Microsystem"; Anal. Chem. (1998), Vol. 70, pp 1909-1915.

EXAMINER

/Robert Kasten/

DATE CONSIDERED

05/18/2009

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